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Application**

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Alexandria, VA 22313-1450

Application Number	09/913,394
Filing Date	August 13, 2001
First Named Inventor	Osram Opto Semiconductors GmbH
Group Art Unit	2826
Examiner Name	Victor A. Mandala, Jr.
Attorney Docket Number	12406-021001

Please change the Correspondence Address for the above-identified application to:



Customer Number: 26161



**Firm or
Individual Name** David L. Feigenbaum

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City

State

Zip

Country

United States of America

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(617) 542-5070

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This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :



Applicant/Inventor.



Assignee of record of the entire interest.
Certificate under 37 CFR 3.73(b) is enclosed.



Attorney or agent of record. Registration Number 30,378 as per simultaneously filed
Revocation and New Power of Attorney



Registered practitioner named in the application transmittal letter in an application without an
executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number 30,378

Typed or Printed

Name

Marc M. Wefers* for David L. Feigenbaum

Signature

Date

12/10/04

Telephone

(617) 542-5070

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



*Total of _____ forms are submitted.

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 11.9(b).



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Osram Opto Semiconductors GmbH Art Unit : 2826
Serial No. : 09/913,394 Examiner : Victor A. Mandala, Jr.
Filed : August 13, 2001
Title : OPTICAL SEMICONDUCTOR DEVICE WITH MULTIPLE QUANTUM WELL
STRUCTURE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Please see attached Revocation and New Power of Attorney which was duly executed by Osram GmbH on November 30, 2004. Please note that the above-referenced application is listed on Appendix 1, page 2, second paragraph.

Please apply any additional charges or credits to our Deposit Account No. 06-1050, referencing Attorney Docket No. 12406-021001.

Respectfully submitted,

Date: _____

12/10/04

Marc M. Wefers* for
David L. Feigenbaum
Reg. No. 30,378

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 11.9(b).

20989986.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12-10-04

Date of Deposit

Signature

CHERYL A. CARON

Typed or Printed Name of Person Signing Certificate



REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed in Appendix 1. The chain of title from the inventor(s) to OSRAM GmbH for each U.S. patent application listed in Appendix 1 is also set forth in that Appendix 1, referencing documents recorded in the United States Patent and Trademark Office or documents attached hereto as Appendices 2 and 3.

The undersigned has reviewed all the documents in the chain of title of the patent applications identified in Appendix 1, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

ALAN D. SMITH
Registration No. 32,005

DAVID L. FEIGENBAUM
Registration No. 30,378

TIMOTHY A. FRENCH
Registration No. 30,175

JOHN F. HAYDEN
Registration No. 37,640

FRANK R. OCCHIUTI
Registration No. 35,306

CHRIS C. BOWLEY
Registration No. 55,016

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

PTO Customer Number: 26161

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: _____

Typed name: Dr. Seeberg

Title: Executive Vice President

Date: November 30, 2004

Assignee: OSRAM GmbH

Pokorny

Vice President

MZW/czc

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

APPENDIX 1 -

LISTING APPLICATIONS FOR REVOCATION AND NEW POWER OF ATTORNEY AND SHOWING CHAIN OF TITLE TO OSRAM GMBH (3 pages)

F&R Reference	OSRAM Reference	First Named Inventor/Applicant	Filed Serial No.
12406-003001	1996P1650 US N	Ulrike Reeh	12/28/1998 09/221,789
i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded 12/14/2000 at Reel/Frame 011366/0223 ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH & CO. OHG, recorded 12/7/2000 at Reel/Frame 011356/0397 iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation) iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
12406-005002	1997P2507 US 04	Klaus Hohn	12/6/2000 09/731,406
i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded April 4, 2000, at Reel/Frame 010723/0988 ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH & CO. OHG Recorded 12/7/2000 at Reel/Frame 011356/0397 iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation) iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
12406-006003	1997P2507 US 07	Klaus Hohn	7/10/2003 10/616,783
i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded April 4, 2000, at Reel/Frame 010723/0988 ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH & CO. OHG Recorded 12/7/2000 at Reel/Frame 011356/0397 iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation) iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
12406-007002	P19972507 US 06	Klaus Hohn	7/21/2003 10/623,819
i. Assignment from Inventors to Assignee, SIEMENS AKTIENGESELLSCHAFT recorded April 4, 2000, at Reel/Frame 010723/0988 ii. Assignment from SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS, GMBH & CO. OHG Recorded 07/09/2001 at Reel/Frame 011961/0157 iii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation) iv. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
12406-011001	1998 P 2530 US N	Bruno Acklin	3/8/2001 09/786,699
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG Recorded 08/22/2001 at Reel/Frame 012094/0770 ii. Change from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH Recorded 03/22/2004 at Reel/Frame 014446/0347 iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			
12406-017001	1999 P2843 US N	Klaus Hohn	4/20/2001 09/830,038
i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG Recorded 07/23/2001 at Reel/Frame 012004/0570 ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation) iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH executed November 22, 2004 (See Appendix 3)			

12406-020001 P2001,0799 US N/MH JOERG BLAESSING 1/22/2002
10/055,142

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG
Recorded 05/06/2002 at Reel/Frame 012877/0876
- ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)
- iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-021001 P1999,0003USN VOLKER HARLE 8/13/2001
09/913,394

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG
Recorded 02/22/2002 at Reel/Frame 012630/0015
- ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)
- iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-022US1 1999P4773USN RALPH WIRTH 3/25/2002
10/089,017

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG
Recorded 07/23/2002 at Reel/Frame 013109/0370
- ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)
- iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-024001 P2002,0356 US N BERT BRAUNE 5/5/2003
10/429,916

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 08/07/2003 at Reel/Frame 014353/0952
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-028US1 P2000,0014 US N2 Dominik Eisert 8/12/2002
10/203,728

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 12/09/2002 at Reel/Frame 013561/0399
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-030US1 P2000,0032 US N Georg Bogner 8/22/2002
10/204,576

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 12/02/2002 at Reel/Frame 013543/0571
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-032US1 P2000,0027 US N ALFRED LELL 8/21/2002
10/204,500

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 11/18/2002 at Reel/Frame 013491/0552
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-035US1 P2000,0068 US N1 STEFAN BADER 9/19/2002
10/239,106

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 01/14/2003 at Reel/Frame 013656/0059
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-036US1 P2001,0050 US E-1 Hartmut Frob 8/22/2002
10/204,585

- i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 12/02/2002 at Reel/Frame 013543/0875
- ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-039US1 P2000,0068 US N2 STEFAN BADER 10/22/2002
10/258,340

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 06/12/2003 at Reel/Frame 014159/0245; 08/11/2004 at Reel/Frame 015022/0378; and
06/12/2003 at Reel/Frame 014159-0252

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-040US1 P2000,0062 GEORG Bogner 10/18/2002
10/258,154

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 08/13/2003 at Reel/Frame 014374/0662

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-041US1 P2000,0092 US N HERBERT BRUNNER 11/25/2002
10/296,405

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 03/04/2003 at Reel/Frame 013802/0885

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-042US1 P2000,0082 US N (RS/FK) Klaus Hohn 11/8/2002
10/275,786

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 01/21/2003 at Reel/Frame 013673/0600

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-044US1 P2000,0090 US N (RS/BDS) Johannes Baur 11/22/2002
10/296,195

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 03/04/2003 at Reel/Frame 013799/0727

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-045US1 P2000,0100 US N BERTHOLD HAHN 11/25/2002
10/296,596

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 02/12/2003 at Reel/Frame 013748/0200

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-047US1 P2000,0158 US N Johannes Baur 2/3/2003
10/343,851

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH
Recorded 09/11/2003 at Reel/Frame 013965/0207

ii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-064001 1995P2026 US N1 Klinger Hashuber 6/17/2002
10/173,055

i. Assignment of Assignors Interest to Assignee, SIEMENS AKTIENGESELLSCHAFT,
recorded 01/28/2004 at Reel/Frame 014287/0960

ii. Assignment of SIEMENS AKTIENGESELLSCHAFT to OSRAM OPTO SEMICONDUCTORS GMBH
recorded 02/04/2004 at Reel/Frame 014307/0271

iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

12406-074002 1998P1998 US N1 Gunter Waitl 7/9/2003
10/616,070

i. Assignment from Inventors to Assignee, OSRAM OPTO SEMICONDUCTORS GMBH & CO
Recorded 07/09/2003 at Reel/Frame 014269/0811

ii. Conversion from OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG to OSRAM OPTO SEMICONDUCTORS GMBH
confirmed March 12, 2002 (See Appendix 2, which includes a certified English translation)

iii. Confirmatory Assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH
executed November 22, 2004 (See Appendix 3)

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Antrag auf Eintragung in das Handelsregister		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100										Seite HR B		85 22	
a) Firma b) Sitz c) Gegenstand des Unternehmens	d) Grund oder Statut	e) Vorname Nachname Geburtsdatum Geburtsort	f) Prokurat	g) Geschäftsführer	h) Geschäftsführer	i) Tag der Eintragung und Unterschrift j) Bescheinigung									
a) OSRAM Opto Semiconductors Gesellschaft mit beschränkter Haftung b) Regensburg c) Entwicklung, Fertigung und der Vertrieb von Produkten auf Basis von optoelektronischen Halbleitern.	4.570.000,-EUR	Dr. Ing. Müller, Regensburg, geb. 27.7.1945 82128 Regensburg Wittgen Robert; geb. 25.01.1959, 82152 Kneitling				e) 5. März 2002 f) <i>Müller</i> b) Gesellschafts- vertrag Nr. 13-21; AS Regensburg HRA 6038									
	5.000.000,-EUR					e) 5. März 2002 f) <i>Müller</i> b) Gesellschafts- vertrag Nr. 13-21; AS Regensburg HRA 6038									
<p>Die Gesellschaft mit beschränkter Haftung...</p> <p>Die Gesellschaft ist entstanden durch form- wechselnde Umwandlung der OSRAM Opto Semicon- ductors GmbH & Co. OHG in Regensburg gemäß Umwandlungsbescheid vom 26. September 2001. bei dem auch der Gesellschaftsvertrag festge- stellt wurde.</p> <p>Ist nur ein Geschäftsführer bestellt, so ver- tritt er die Gesellschaft allein. Sind mehrere Geschäftsführer bestellt, so wird die Gesell- schaft entweder durch zwei Geschäftsführer oder durch einen Geschäftsführer zusammen mit einer Prokuristen vertreten.</p> <p>Die Gesellschaftsversammlung vom 26. September 2001 hat die Erhöhung des Stammkapitals um 450.000,- EUR auf 5.000.000,- EUR beschlossen und die Sitzung in § 5 (Stammkapital) entsprechend geändert.</p>															
<p>Die Übernahme des Auszugs mit dem Eintrag im Register wird bestätigt. Regensburg, den 1. 2. März 02 Geschäftsstelle des Amtsgerichts Regensburg Der Urkundsbeamte: <i>Marli</i> Justizsekretär</p> <p>Handelsregisterauszug Unterzeichnete Teile der Eintragung in dem nach- stehenden Lichtdruck sind in Verbindung mit den Ver- änderungs- und Löschungs- vermerken gelbschl.</p>															

District Court, Regensburg - Registration Office -		8522																					
9		8		7		6		5		4		3		2		1		0		Page		HR B	
a) Company's Name b) Headquarters c) Purpose of the Organization		Principal or Capital Stock		Board of Directors Personally liable partner Executive Director Administrator		Proxy		Legal Conditions		Date of Entry and Signature b) Comments													
2		3		4		5		6		7													
a) OSRAM Opto Semiconductors Gesellschaft mit beschränkter Haftung (Limited Liability Company) b) Regensburg c) Development, manufacture and sales of products based on opto-electronic semiconductors		4,570,000.00 EURO		Müller, Rüdiger PhD, Engineering DoB 7/27/1945 93128 Regensburg Wittgen, Robert DoB 01/25/1958 82152 Kreiling				Limited Liability Company The company was created by the corporate restructuring of the OSRAM Opto Semiconductors GmbH & Co. oHG in Regensburg according to the restructuring order of September 26, 2001 in which also the articles of association were approved. If only one member of the board of directors is appointed, he alone represents the company. If several members of the board of directors are appointed, the company is represented by two members of the board of directors together or by one member of the board of directors and an authorized officer together.		a) March 5, 2002 b) Partnership agreement on Pages 14 - 21 AG Regensburg HRA 6036													
		5,000,000.00 EURO						The shareholders meeting on September 26, 2001 has decided to increase the capital stock by 430,000.00 EURO to 5,000,000.00 EURO and has changed the articles of association in section 5 (Capital Stock) accordingly.		a) March 5, 2002 b) articles of association Pages 49 - 54;													

				<p>The compliance of the excerpt with the contents of the register is confirmed.</p> <p>Regensburg, March 12, 02</p> <p>Office of the District Court in Regensburg</p> <p>Registrar: Hardl</p> <p>Senior Clerk</p> <p>District Court Regensburg Bavaria</p>	
			<p>Certificate of Registration</p> <p>The underlined sections of the register in the following photo print have been deleted in conjunction with the change and deletion comments.</p>		

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TRANSLATOR'S CERTIFICATE

I, Eva Maria King, do hereby certify that I am fluent in the German and English languages. I prepared the translation into English of an excerpt of a register from the Regensburg District Court. It is true and accurate to the best of my ability.

2 February 2004

Eva Maria King / *[Signature]*
Eva Maria King

CONFIRMATORY ASSIGNMENT

The Effective Date of this Assignment is September 30, 2003.

WHEREAS, Osram Opto Semiconductors GmbH, a German corporation with headquarters located at Wernerwerkstrasse 2, 93049 Regensburg, Germany (hereinafter "ASSIGNOR"), was the owner of the entire right, title, and interest in each patent application listed in Appendix A (the "PATENT APPLICATIONS");

WHEREAS, OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, (hereinafter "ASSIGNEE"), was desirous of acquiring the entire right, title and interest in and to the PATENT APPLICATIONS, including any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that, pursuant to the terms of a contract entered into between ASSIGNOR and ASSIGNEE on September 30, 2003, for good and valuable consideration recited therein and paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby confirm that, as of the Effective date, ASSIGNOR did sell, assign and transfer unto ASSIGNEE, its legal representatives, successors and assigns, its entire right, title and interest in and to the PATENT APPLICATIONS, the same interest to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

AND, ASSIGNOR hereby confirms its agreement that the change in ownership may be recorded in the official records of the United States Patent and Trademark Office.


The undersigned is authorized to act on behalf of ASSIGNOR.

This document contains 2 pages and a 2-page Appendix A.

Osram Opto Semiconductors GmbH

 
By: R. WITTEN C. REITZ Date 24.11.04
Title: CFO COO

Witness Name: J. B. WESSEN

Witness Signature: 

Witness Name: C. GELLER

Witness Signature: 

Accepted for OSRAM GmbH

 
By: Dr. Seeberg Pokorny Date Nov. 27, 2004
Title:

Executive
Vice President

Vice
President

APPENDIX A -**LISTING APPLICATIONS FOR CONFIRMATORY ASSIGNMENT BETWEEN OSRAM
OPTO SEMICONDUCTORS GMBH AND OSRAM GMBH (2 pages)**

F&R Reference	OSRAM Reference	First Named Inventor/Applicant	Filed Serial No.
12406-003001	1996P1650 US N	Ulrike Reeh	12/28/1998 09/221,789
12406-005002	1997P2507 US 04	Klaus Hohn	12/6/2000 09/731,406
12406-006003	1997P2507 US 07	Klaus Hohn	7/10/2003 10/616,783
12406-007002	P19972507 US 06	Klaus Hohn	7/21/2003 10/623,819
12406-008001	P1999.0014 WO US	Alexandra Debray	2/28/2001 09/786,086
12406-011001	1998 P 2530 US N	Bruno Acklin	3/8/2001 09/786,699
12406-017001	1999 P2843 US N	Klaus Hohn	4/20/2001 09/830,038
12406-020001	P2001,0799 US N/MH	JOERG BLAESSING	1/22/2002 10/055,142
12406-021001	P1999,0003USN	VOLKER HARLE	8/13/2001 09/913,394
12406-022US1	1999P4773USN	RALPH WIRTH	3/25/2002 10/089,017
12406-024001	P2002,0356 US N	BERT BRAUNE	5/5/2003 10/429,916
12406-028US1	P2000,0014 US N2	Dominik Eisert	8/12/2002 10/203,728
12406-030US1	P2000,0032 US N	Georg Bogner	8/22/2002 10/204,576
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